

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	Conf. No.: 4132
Thomas Schulz et al.	)	
	)	Art Unit: 1633
Serial No. 10/524,157	)	
	)	Examiner: Q. Janice Li, M.D.
Filed: February 8, 2005	)	
	)	
For: COMPOSITIONS AND METHODS FOR	)	
NEURAL DIFFERENTIATION OF	)	
EMBRYONIC STEM CELLS	)	

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**RESPONSE TO OFFICE ACTION**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action mailed July 2, 2007, please amend the application as follows, and reconsider the application in view of the following remarks.

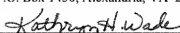
A petition for a three-month extension of time and the required fee also are submitted herewith. It is not believed that any additional extensions of time or fees for net addition of claims are required. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefore (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-5029 (Ref. 18465-0036).

**Amendment to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks** begin on page 7 of this paper.

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I hereby certify that this correspondence is being filed electronically with the U.S. Patent and Trademark Office addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 17, 2007.

  
Kathryn H. Wade, Ph.D. -- Reg. No. 54,682